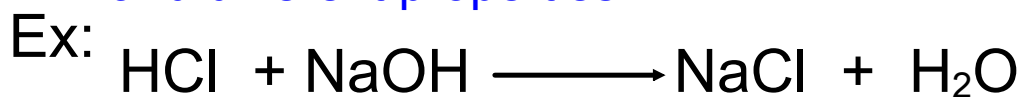


Chemical Reactions

A chemical reaction involves the formation of a new substance (or substances) with new and different properties.



Chemical reactions can be represented by

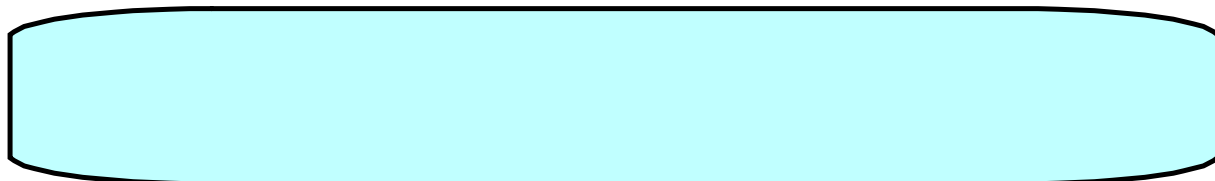
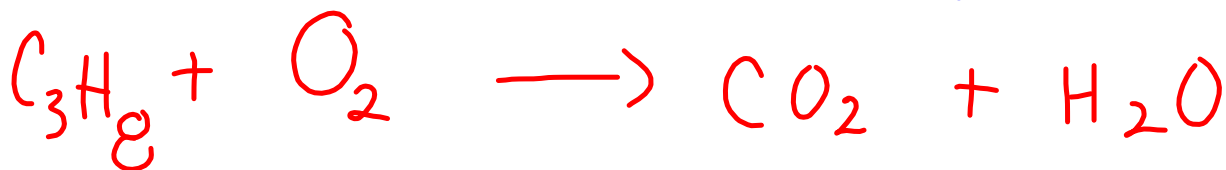
1. word equations
2. skeleton equations
3. balanced equations

Word Equation:

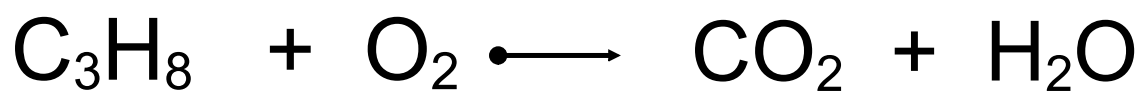
Ex:

propane + oxygen \longrightarrow carbon dioxide + water

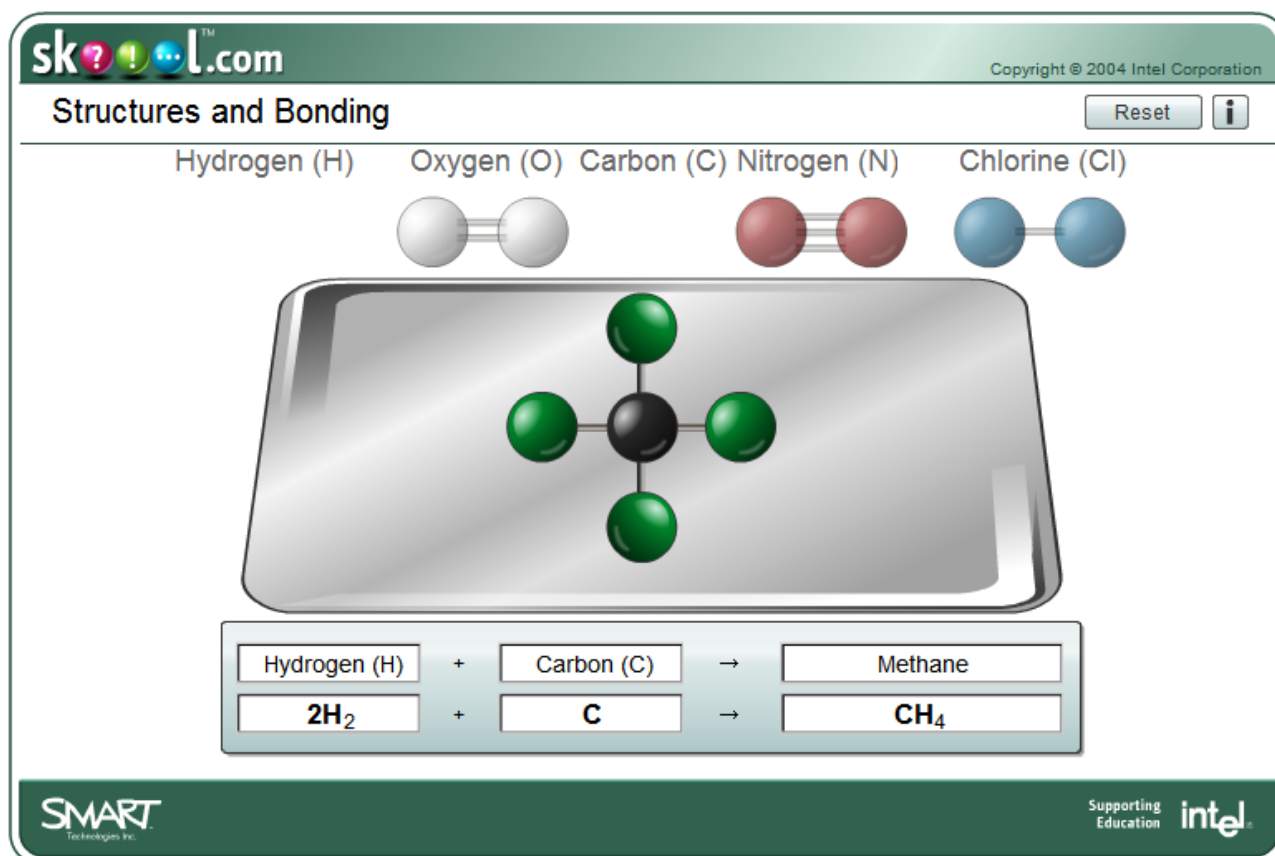
Skeleton equation: The words are replaced by formulas



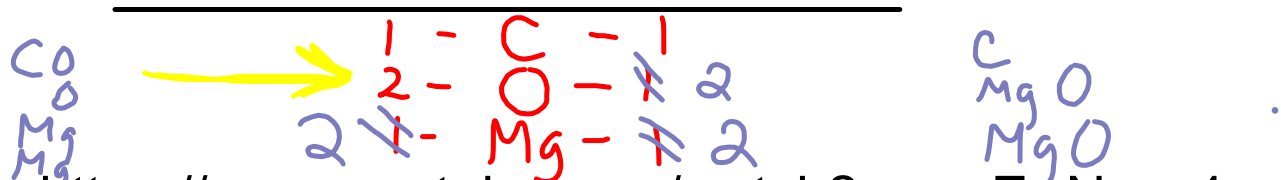
Balanced equations: the reactants and products contain equal numbers of atoms of each element.



reactants \longrightarrow products



This means that atoms are not created or destroyed in a chemical reaction, they are just rearranged into different molecules. *Mg*



<https://www.youtube.com/watch?v=wqErrNvns4o>

Homework (for tuesday after march break)
p 219 Q 2,3 p 223 Q 2,3,4,5